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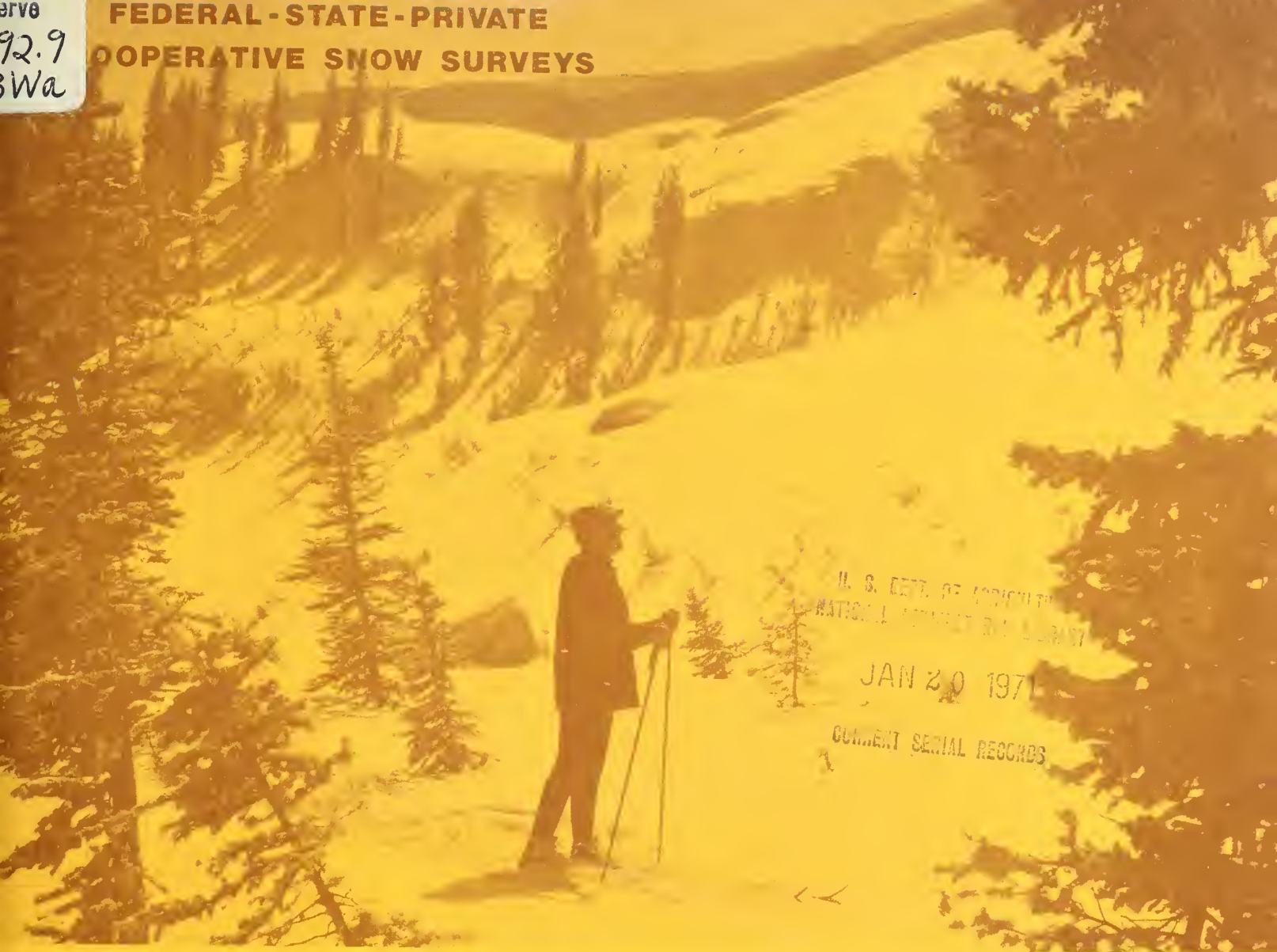






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FEDERAL-STATE-PRIVATE
COOPERATIVE SNOW SURVEYS



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WATER SUPPLY OUTLOOK FOR UTAH

Prepared by

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES -- DIVISION OF WATER RIGHTS

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah State University, U.S. National
Park Service, U.S. Geological Survey, and other Federal, State,
and private organizations.

AS OF
JAN. 1, 1971

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters of key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 209, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 970, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84111
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

KENNETH E. GRANT

ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

|||||
Released by

A. W. HAMELSTROM

STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

In Cooperation with

HUBERT C. LAMBERT

STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES

|||||
Report prepared by

BOB L. WHALEY, Snow Survey Supervisor
and

PAUL KEIL, Assistant Snow Survey Supervisor
SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 5434
SALT LAKE CITY, UTAH 84111

WATER SUPPLY OUTLOOK

as of

JANUARY 1, 1971

* Utah's Water Supply Outlook is already well *
* above average. Early winter storms have piled *
* a heavy snow pack, varying from 127 to 243% of *
* the January 1 average on Utah watersheds. *
* Soils were well primed by fall rains and res- *
* ervoir storage is above average. *

NORTHERN UTAH

Snow water content measurements in Farmington Creek north of Salt Lake City were 243% of the January 1 average for the 15-year period 1953-67. This year's 23.3 inches of water in the snow pack was the highest measured on January 1st since the surveys began in 1953. Snow cover along the remainder of Salt Lake Front mountains is about 200% of the January 1 average.

Water stored in the snow pack on other Utah watersheds is also well above average for January 1. The Logan watershed is 166% and the Upper Bear River, 180% of average.

Snow cover on the Ogden River is 195% and on the Weber, 197% of the January 1 average. Provo River snow cover is 178% of average and Strawberry Reservoir watershed 208% of the average for January 1. Spanish Fork is about 200% of the average for January 1.

Soil moisture under the snow is above average and soils are expected to soak up little snow melt runoff this spring.

Reservoir storage is well above average except in Pineview which has been drained to allow construction in the reservoir. Bear Lake is 131% of average and Hyrum 116%. Echo reservoir is 204% of average and Rockport 103%. Lost Creek and East Canyon reservoirs both have very good carryover. Strawberry reservoir is 160% of average for January 1st and Utah Lake is 162% of average.

EASTERN UTAH

Snow cover in Eastern Utah is well above average. The south slopes of the Uintahs are about 150% of the January 1 average and the upper Duchesne 187%. Price River watershed has 189% of average snow water content and San Rafael drainage about 200%.

WATER SUPPLY OUTLOOK (continued)

The LaSal Mountains are not usually measured on January 1, but measurements taken this year indicate water contents 85% to 90% of the usual March 1 measurement.

Reservoir storage is well above average except in Moon Lake which is only 70% of its January 1 average. Steinaker has 20,400 acre feet or 142% of average and Scofield has 39,800 acre feet or 204% of its January 1 average.

CENTRAL AND SOUTHERN UTAH

Snow surveys in Central and Southern Utah indicate water content measurements about twice the usual for January 1. The San Pitch watershed is 196% to 204% of average and Salina Creek is 212% of the January 1 average for the 1953-67 period.

The Upper Sevier is 214% and the Virgin River has 223% of average snow cover. Coal Creek is 219% for January 1. The East Fork Sevier and Escalante River snow cover is 138% and 127% respectively.

Measurements taken on the Beaver River show snow water contents only slightly less than the March 1 average. These courses are not usually measured on January 1st, therefore, no back record is available for comparison.

Reservoir storage is well above average for January 1st. The three Sevier River reservoirs - Otter Creek, Piute and Sevier Bridge now have a total storage of 246,100 acre feet or 265% of the January 1 average.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
	<u>GREAT BASIN</u>				
<u>Bear River</u>	Bear Lake	1421.0	1109.1	1116.8	845.0
	Woodruff Narrows	26.5	24.5	21.5	- -
<u>Beaver River</u>	Minersville(Rky Fd)	23.3	13.6	17.8	7.3
<u>Little Bear</u>	Hyrum	15.3	10.7	10.5	9.2
	Porcupine	11.3	2.2	2.8	- -
<u>Ogden</u>	Causey	7.1	6.5	1.1	- -
	Pineview	110.1	0.5	55.0	24.9
<u>Provo</u>	Deer Creek	149.7	96.0	91.9	88.5
<u>Sevier River</u>	Gunnison	18.2	15.1	16.7	- -
	Otter Creek	52.5	36.6	48.5	15.5
	Piute	71.8	32.6	60.1	21.8
	Sevier Bridge	236.0	176.9	167.8	55.4
<u>Spanish Fork</u>	Strawberry	270.0	184.2	187.1	115.3
<u>Utah Lake</u>	Utah Lake	883.9	765.3	821.0	471.2
<u>Weber</u>	East Canyon	48.1	38.6	35.2	- -
	Echo	73.9	56.2	40.7	27.6
	Lost Creek	20.0	38.5	12.8	- -
	Rockport	60.9	26.4	26.4	25.7b
	Willard Bay	193.3	175.4	87.6	- -
	<u>COLORADO RIVER DRAINAGE</u>				
<u>Ashley Creek</u>	Steinaker	33.3	20.4	20.2	14.4b
<u>Colorado</u>	Blue Mesa	829.5	647.7	652.3	- -
	Lake Powell	25002.0	12129.0	9605.0	- -
<u>Green</u>	Flaming Gorge	3749.0	1761.0	1565.3	- -
<u>Lake Fork</u>	Moon Lake	35.8	8.8	10.4	12.6
<u>Price River</u>	Scofield	65.8	39.8	48.5	19.4
<u>San Rafael</u>	Joe's Valley	54.6	37.8	49.1	- -
<u>San Juan</u>	Navajo	1696.4	1049.3	1043.4	- -
<u>Strawberry</u>	Starvation	165.3	105.2	- -	- -

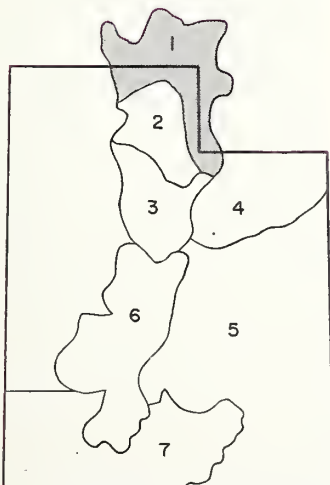
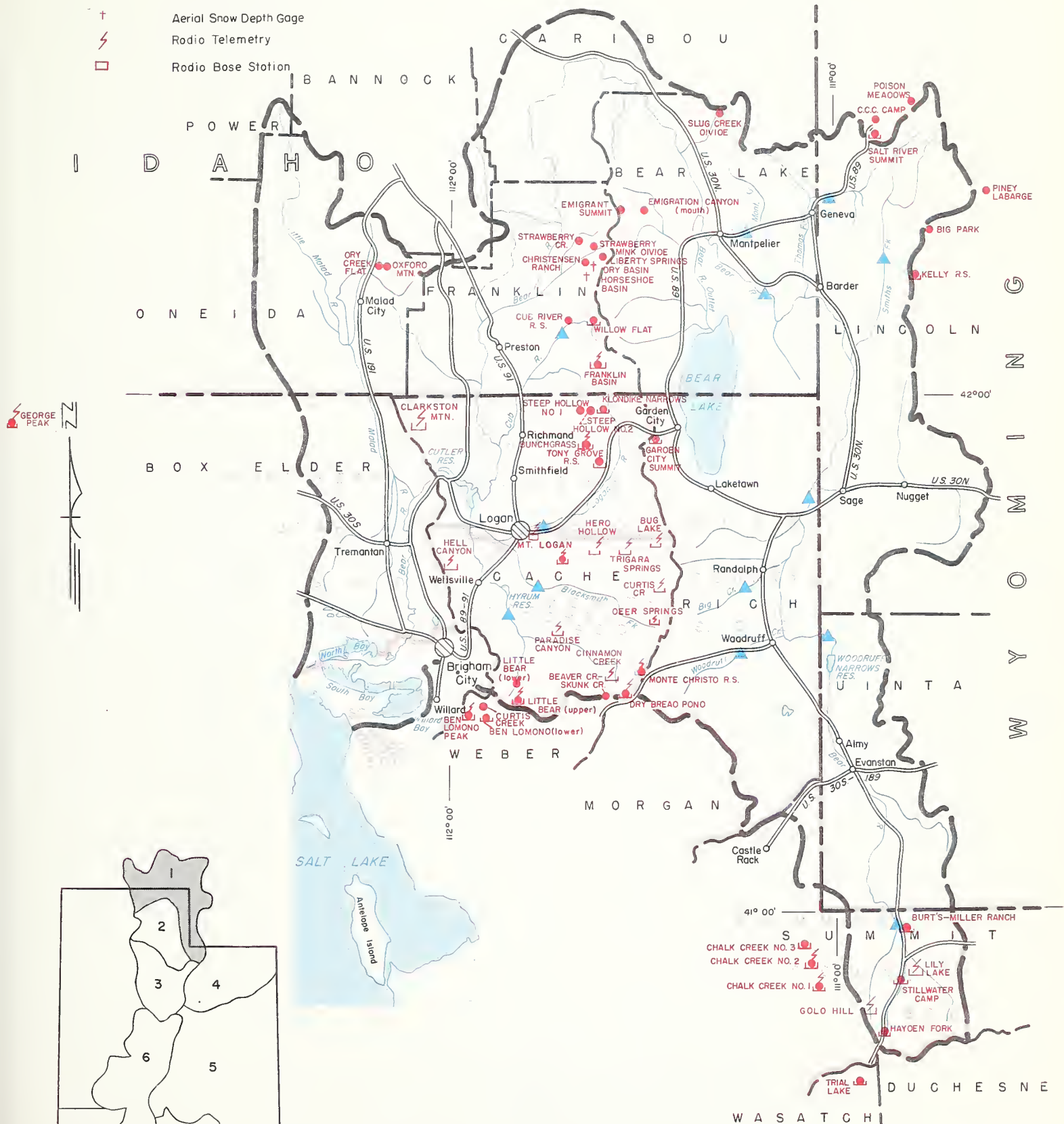
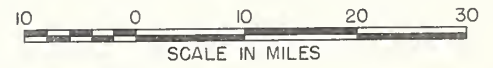
SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF:	
		Last Year	Average
<u>GREAT BASIN</u>			
Bear River So. of Evanston (Wyo.)	2	212	180
Smith's Fork - Bear River (Wyo.)	2	289	168
Logan River	3	261	166
Ogden River	2	288	195
Weber River above Echo Dam	6	183	197
East Canyon Creek	2	177	201
Salt Lake Area	3	176	200
Tooele Area	1	145	229
American Fork River	2	236	162
Provo River above Deer Creek Dam	5	222	178
Strawberry Reservoir Valley	3	197	209
Payson Creek	2	148	218
Sevier River above Hatch	3	470	214
East Fork Sevier River	4	186	138
Clear Creek above Sevier	1	115	237
Salina Creek	2	113	212
Mt. Pleasant Area	2	140	202
Ephraim Area	2	145	196
Mayfield Area	2	142	204
Coal Creek-Cedar City	3	370	219
<u>COLORADO RIVER BASIN</u>			
Duchesne-Strawberry Rivers	6	217	184
Whiterocks - Uintah Rivers	3	179	150
Price River	5	149	189
San Rafael River	1	143	198
Escalante River	3	156	127
Virgin River	4	453	223

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ┌ S.C.S. Storage Gage
- └ W.B. Storage Gage
- + Aerial Snow Depth Gage
- ⚡ Radio Telemetry
- Radio Base Station

BEAR RIVER BASIN



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SE C.	TWP.	RGE.	ELEV.
UPPER BEAR RIVER (above Harer, Idaho)						
10G11	W	Big Park	7	27N	117W	8,700
10J6	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12P	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10J17P	U	Stillwater Camp	32	2N	10E	8,550
LOWER BEAR RIVER (below Harer, Idaho)						
11H14M	U	Beaver Creek-Skunk Creek x	22	8N	3E	7,150
11H37p	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mtn.	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11H33	U	Curtis Creek	12	10N	4E	8,450
11H39p	U	Deer Springs	34	10N	4E	8,400
11G14a	I	Dry Basin	30	13S	42E	7,900
11H13MP	U	Dry Bread Pond x	19	8N	4E	8,230
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8M	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34&35	14N	4E	7,600
12H2p	U	Hell Canyon	24	11N	2W	6,400
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,420
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25P	U	Little Bear (upper)	22	8N	1E	6,550
11H6	U	Mt. Logan	3	11N	2E	9,000
12G3	I	Oxford Mountain	32	13S	37E	6,800
11H46p	U	Paradise Canyon	36	10N	2E	7,650
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H3M	U	Tony Grove Ranger Station	11	13N	3E	6,250
11H41p	U	Trigara Springs	29	12N	4E	7,600
11G4P	I	Willow Flat	2	15S	41E	6,100

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

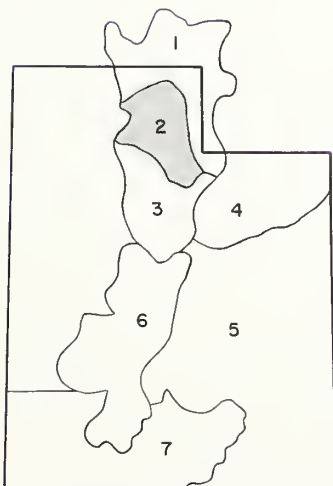
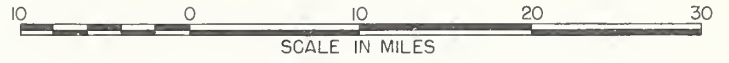
DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †
UPPER BEAR RIVER <u>(Above Harer, Idaho)</u>						
CCC Camp	7500	12/30	33	7.9	2.9	4.8
Salt River Summit	7900	12/30	43	10.6	3.5	6.2
Smith & Morehouse x	7600	12/30	32	8.4	3.6	4.5b
Trial Lake x	9800	12/31	69	19.2	9.4	10.8b
LOWER BEAR RIVER <u>(Below Harer, Idaho)</u>						
Emigrant Summit	7350	12/28	55	14.5	6.7	8.9*
Garden City Summit	7600	12/28	43	12.2	6.0	7.3
Klondike Narrows	7400	12/28	48	13.0	4.1	8.0
Steep Hollow #1	8500	12/28	80	23.9	10.1	- -
Steep Hollow #2	7700	12/28	59	16.4	6.5	- -
Strawberry Creek	5800	Not Scheduled			- -	- -
Tony Grove R. S.	6250	12/28	30	6.9	2.2	4.0
Willow Flat	6100	12/28	35	8.2	2.4	- -

FOOTNOTES - See last page

FOOTNOTES - See last page

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
Garden City Summit	7600	12/28	3.39	3.71b	13.37	7.81*	171
Salt River Summit	7900	12/30	1.65	2.99b	14.85	6.48*	229
Trial Lake	9800	12/31	5.04	3.94*	18.53	8.95*	207
Willow Flat	6100	12/28	5.10	3.11*	16.37	9.69*	169

WEBER - OGDEN WATERSHEDS



WATERSHED LOCATION

LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- S.C.S. Storage Gage
- W.B. Storage Gage
- ⚡ Radio Telemetry

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
OGDEN RIVER						
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8	U	Ben Lomond Peak	3	7N	1W	8,000
11H9P	U	Ben Lomond (lower)	1	7N	1W	6,000
11H30P	U	Ben Lomond Trail	2	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MP	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H42p	U	Magpie	29	6N	3E	7,700
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H12P	U	Monte Cristo R.S. x	4	8N	4E	8,960
11H15P	U	Sagebrush Flat	21	7N	3E	6,300

WEBER RIVER						
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1	U	Chalk Creek #1	4	1N	8E	9,100
11J2MP	U	Chalk Creek #2	17 & 20	2N	8E	7,900
11J3M	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower) x	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper) x	26	3N	1E	8,000
11H44p	U	Francis Canyon	29	5N	6E	7,400
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H43p	U	Hoodoo Knoll	22	5N	3E	8,350
11H21P	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfore Creek	20	6N	5E	7,300
11J14	U	Lamb's Canyon x	19	1S	3E	6,600
11H32P	U	Lost Creek	27	6N	5E	6,125
11J15P	U	Parley's Canyon Summit	5	1S	3E	7,500
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Reddon Mine (lower)	1	2S	6E	8,500
11J5	U	Reddon Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J16P	U	Silver Lake (Brighton) x	35	2S	3E	8,725
11J4P	U	Smith & Morehouse	25	1N	7E	7,600
10J8P	U	Trial Lake x	5	2S	9E	9,800

LEGEND

Numbering system (example)

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10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

THIS YEAR

PAST RECORD

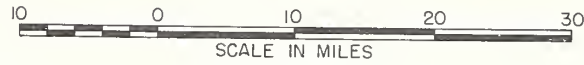
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>OGDEN RIVER</u>						
Ben Lomond (lower)	6000	12/29	36	8.9	2.0	4.4b
Ben Lomond Peak	8000	12/29	71	21.1	8.4	11.0b
Ben Lomond Trail	6000	12/29	40	10.2	2.3	3.4b
Cutler Creek	6780	12/29	59	16.6	4.8	7.7b
<u>WEBER RIVER</u>						
Beaver Creek R. S.	7500	12/31	24	5.8	2.6	3.3b
Farmington Canyon (u)	8000	12/28	74	23.3	12.4	9.2b
Farmington Canyon (1)	6950	12/28	56	16.1	9.7	7.0
Lamb's Canyon	6600	12/31	41	11.3	8.5	4.7
Lamb's Canyon #2	7400	12/31	44	11.8	8.6	- -
Parley's Canyon Summit	7500	12/31	48	13.3	8.4	6.1b
Silver Lake (Brighton)	8725	12/30	61	18.2	9.4	9.6
Smith & Morehouse	7600	12/30	32	8.4	3.6	4.5b
Soapstone R. S. x	7800	12/31	34	8.7	4.0	4.7b
Trial Lake x	9800	12/31	69	19.2	9.4	10.8b
Horse Ridge	8260	12/30	55	15.1	- -	-- -

FOOTNOTES - See last page

PRECIPITATION (Inches)

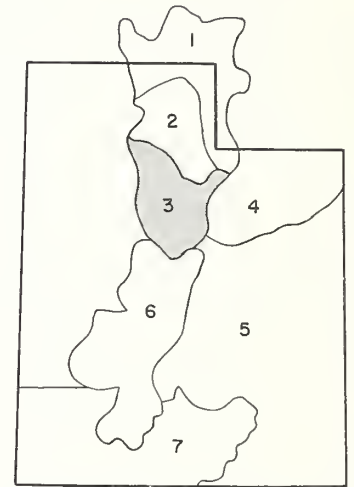
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>OGDEN RIVER</u>							
Ben Lomond (lower)	5850	12/29	6.79	5.10b	19.42	10.36*	187
Ben Lomond Trail	6000	12/29	6.21	6.09b	19.77	10.98*	180
Causey Dam	5500	- -	- -	3.27	- -	- -	- -
<u>WEBER RIVER</u>							
Farmington Guard Sta.	7500	12/28	7.14	5.60	- -	11.44	- -
Farmington Rice	7000	12/28	6.42	5.19	- -	10.16	- -
Parley's Canyon Smt.	7500	12/23	8.72	3.64	15.40	8.00	192
Silver Lake (Brighton)	8725	12/31	7.32	5.66	18.07	10.05	180
Smith & Morehouse	7600	12/30	- -	3.04b	12.41	6.75*	184
Trial Lake	9800	12/31	5.04	3.94*	18.53	8.95*	207

UTAH LAKE, JORDAN RIVER AND TOOEELE VALLEY WATERSHEDS

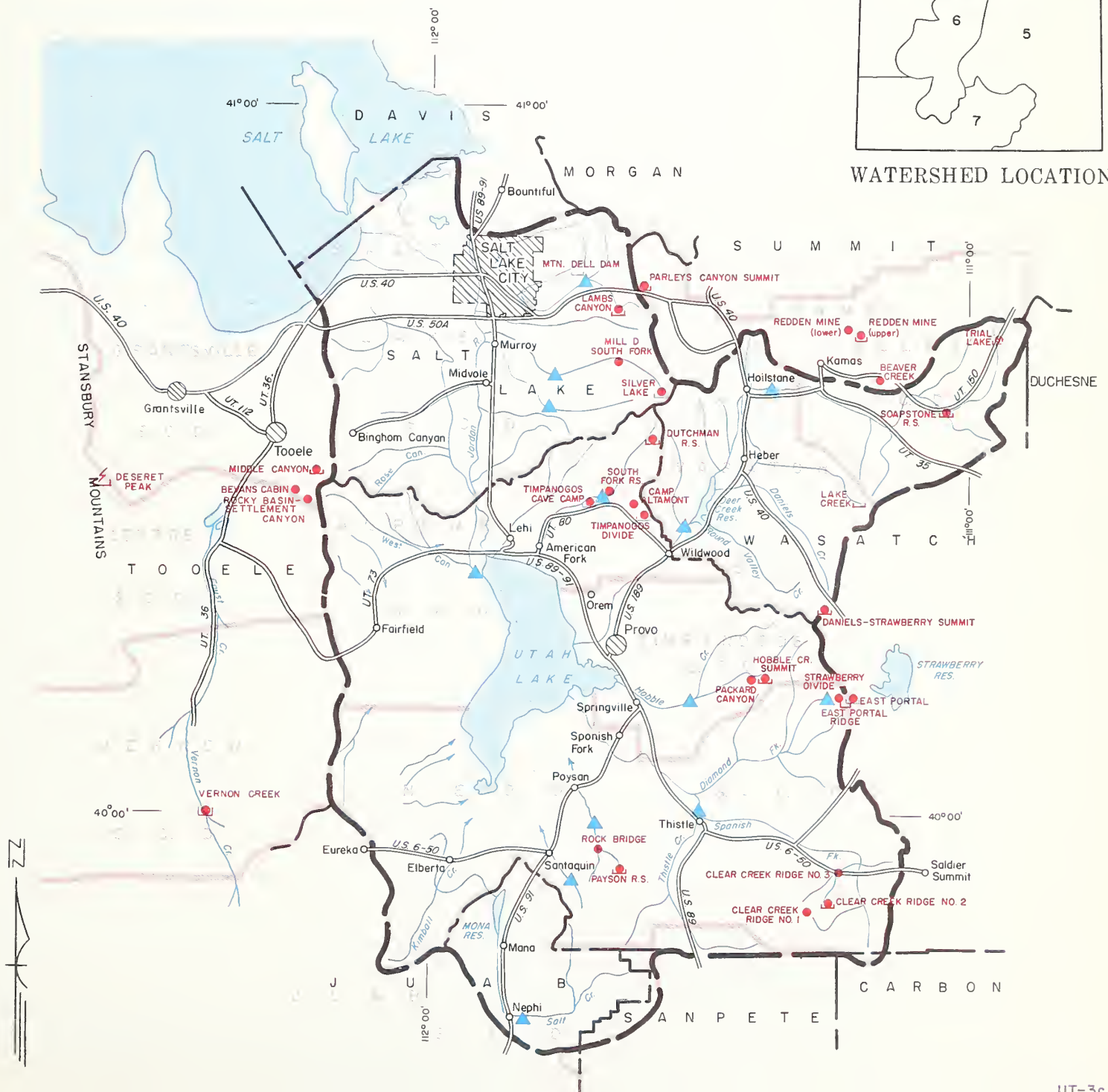


LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- ▲ Forecast Point
- Snow Course
- ┌ S.C.S. Storage Gage
- └ W.B. Storage Gage



WATERSHED LOCATION



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PROVO RIVER & UTAH LAKE						
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22P	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J23MP	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J7P	U	East Portal	36	7S	6E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J8	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J18	U	Timpanogos Cave Camp	27	4S	2E	5,500
11J21P	U	Timpanogos Divide	33	4S	3E	8,140
10J8P	U	Trial Lake	5	2S	9E	9,800

JORDAN RIVER & GREAT SALT LAKE

12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11	U	Farmington Canyon (upper)	26	3N	1E	8,000
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J10	U	Mill D South Fork	18	2S	3E	7,400
11J15P	U	Parley's Canyon Summit x	5	1S	3E	7,500
12J1	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
12K2P	U	Vernon Creek	21	10S	5W	7,500

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

UTAH LAKE, JORDAN RIVER & TOOELE VALLEY WATERSHEDS

SNOW

DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>UTAH LAKE</u>						
Beaver Creek R. S.	7500	12/31	24	5.8	2.6	3.3b
Camp Altamont	7300	12/31	34	9.2	3.5	5.6
Daniels-Strawberry Smt.	8000	12/30	42	10.4	3.8	5.0
East Portal	7560	12/30	33	7.0	4.0	3.3b
Payson R. S.	8050	12/30	44	12.5	8.5	5.7b
Rock Bridge	6750	12/30	31	8.0	5.4	3.7b
Soapstone R. S.	7800	12/31	34	8.7	4.0	4.7b
South Fork R. S.	6100	12/31	14	3.5	0.2	2.4
Strawberry Divide	8000	12/30	51	12.9	7.6	6.2b
Timpanogos Cave Camp	5500	12/31	8	1.6	0.1	0.6b
Timpanogos Divide	8140	12/31	54	15.3	6.9	9.5
Trial Lake	9800	12/31	69	19.2	9.4	10.8b
<u>JORDAN RIVER</u>						
Lamb's Canyon	6600	12/31	41	11.3	8.5	4.7
Lamb's Canyon #2	7400	12/31	44	11.8	8.6	- -
Middle Canyon	7000	12/29	36	11.0	7.6	4.8b
Mill D South Fork	7400	12/30	48	13.0	7.6	6.5b
Parley's Canyon Smt.	7500	12/31	48	13.3	8.4	6.1b
Silver Lake (Brighton)	8725	12/30	61	18.2	9.4	9.6
FOOTNOTES - See last page						

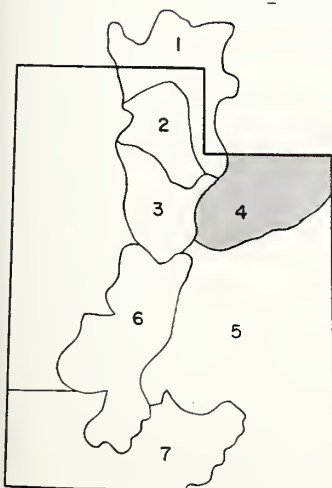
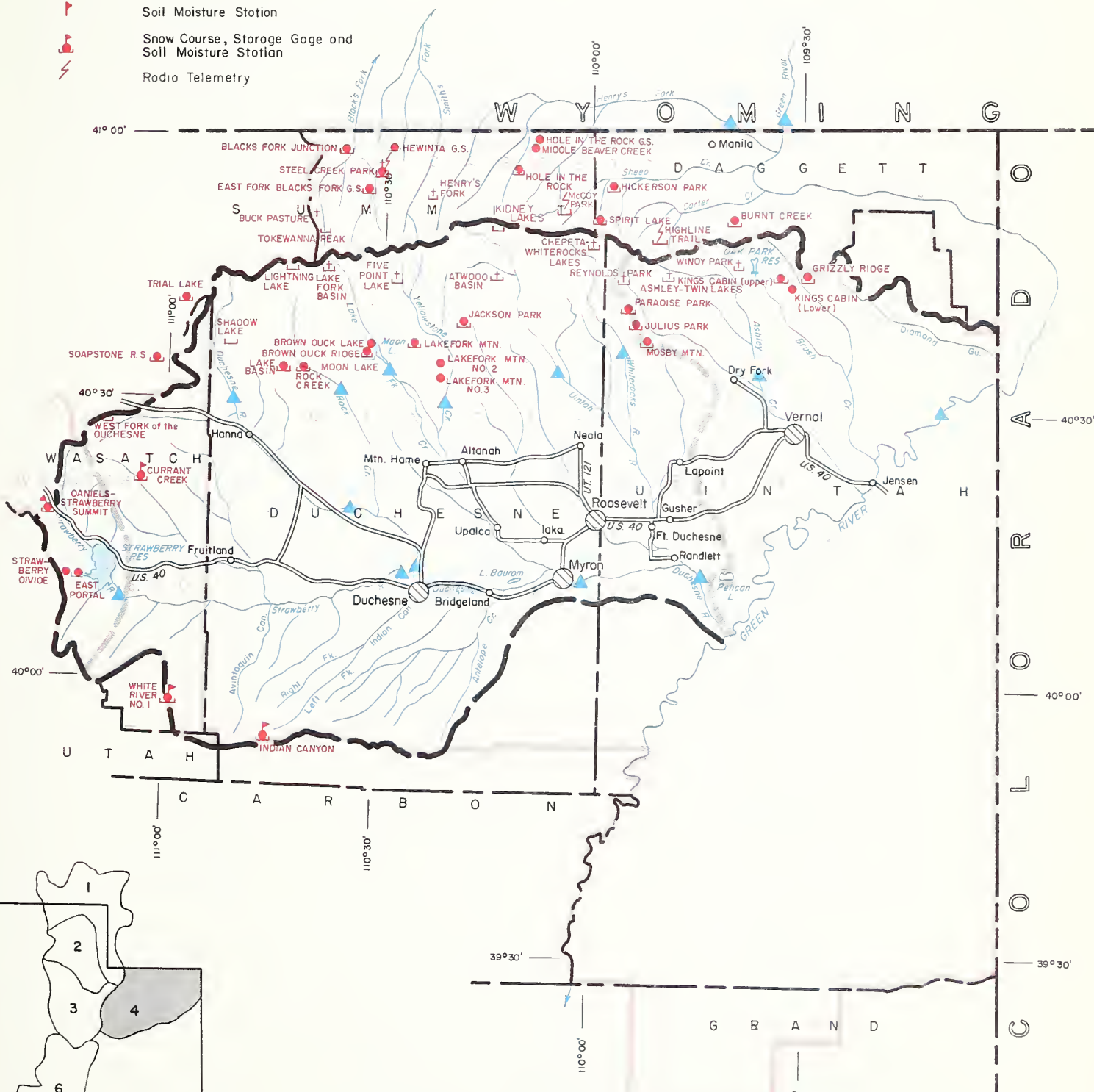
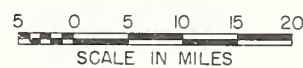
PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>UTAH LAKE</u>							
Daniels-Strawberry Smt.	8000	12/30	5.45	3.44	12.83	7.51b	171
East Portal	7800	12/30	5.24	3.01	11.29	7.40*	153
Payson R.S.	8050	12/30	- -	2.98b	12.40	7.03b	176
Soapstone R. S.	7800	12/31	2.96	3.14b	11.06	6.28*	176
Timpanogos Divide	8200	12/31	6.85	5.11	- -	10.84	- -
Trial Lake	9800	12/31	5.04	3.94*	18.53	8.95*	207
<u>JORDAN RIVER & TOOELE VALLEY</u>							
Middle Canyon	7000	12/29	- -	2.35b	13.39	7.20*	186
Mt. Dell Dam	5500	12/31	3.24	2.02	11.22	5.48	205
Parley's Canyon Smt.	7500	12/23	- -	3.64b	15.40	8.00*	192
Silver Lake (Brighton)	8725	12/31	7.32	5.66	18.07	10.05	180

LEGEND

- Watershed Boundary
- Sub-watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- S. C. S. Storage Gage
- W. B. Storage Gage
- Aerial Snow Depth Gage
- Snow Course and Aerial Snow Depth Gage
- Soil Moisture Station
- Snow Course, Storage Gage and Soil Moisture Station
- Radio Telemetry

UINTAH BASIN & DAGGETT S. C. D's.



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE	ELEV.
UPPER GREEN RIVER IN UTAH (above Duchesne River)						
9J11a	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Pasture	14	1N	11E	9,700
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinta G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1P	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J10a	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20A	U	Steel Creek Park	17	2N	13E	9,900
9J12a	U	Windy Park	1	1S	20E	9,400
DUCHESNE RIVER						
10J27a	U	Atwood Basin	21	1S	15E	10,250
10J9	U	Brown Duck Lake	2	2N	6W	10,300
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J9a	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MP	U	Currant Creek	31	1S	10W	7,800
11J23MP	U	Daniels-Strawberry Summit x	20	2S	12W	8,000
11J7P	U	East Portal x	36	7S	6E	7,560
10J26a	U	Five Point Lake	28	4N	5W	11,000
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10K1P	U	Indian Canyon	2	11S	10E	9,100
10J19	U	Jackson Park	23	3N	4W	11,300
9J6P	U	Julius Park	20	3N	1E	9,800
10J38P	U	Lake Basin	23	3S	8W	10,800
10J25a	U	Lakefork Basin	13	4N	7W	11,100
10J10P	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
10J29p	U	Lightning Lake	24	4N	8W	10,950
9J5	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	28	3N	8W	10,150
10J25P	U	Soapstone R.S. x	9	3S	8E	7,800
11J8	U	Strawberry Divide x	34 & 35	7S	6E	8,000
10J8P	U	Trial Lake x	5	2S	9E	9,800
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
10K2MP	U	White River #1 x	11	10S	8E	8,550

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SNOW		THIS YEAR			PAST RECORD	
DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>UINTAH BASIN SCD</u>						
Daniels-Strawberry Smt. x	8000	12/30	42	10.4	3.8	5.0
East Portal x	7560	12/30	33	7.0	4.0	3.3b
Grizzly Ridge	8500	12/30	27	7.1	5.0	- -
Indian Canyon	9100	12/29	28	5.9	3.4	4.6
Julius Park	9800	12/29	35	7.6	4.9	5.3b
Mosby Mountain	9500	12/29	29	6.6	4.4	4.2b
Paradise Park	10100	12/29	31	8.0	3.1	5.3b
Soapstone R. S. x	7800	12/31	34	8.7	4.0	4.7b
Strawberry Divide x	8000	12/30	51	12.9	7.6	6.2b
Trial Lake	9800	12/31	69	19.2	9.4	10.8b
<u>DAGGETT SCD</u>						
Burnt Creek	7900	12/30	14	3.6	2.3	- -
FOOTNOTES - See last page						

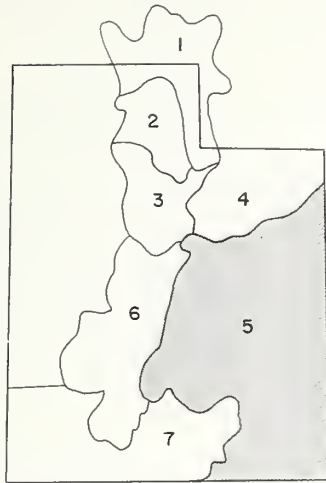
FOOTNOTES - See last page

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>DAGGETT SCD</u>							
Burnt Creek	7900	12/30	2.10	- -	4.72	- -	- -
<u>UINTAH BASIN SCD</u>							
Daniels-Strawberry Smt.	8000	12/30	5.45	3.44b	12.83	7.51b	171
East Portal x	7800	12/30	5.24	3.01	11.29	7.40*	153
Grizzley Ridge	8500	12/30	4.49	- -	7.94	- -	- -
Indian Canyon	9100	12/29	- -	2.39b	7.38	6.82b	108
Julius Park	9800	12/29	- -	1.87*	6.59	5.75*	115
Moon Lake	8150	12/31	2.25	1.22	4.20	6.27	67
Mosby Mountain	9500	12/29	- -	- -	5.83	- -	- -
Paradise Park	10100	12/29	- -	2.32*	7.63	6.06*	126
Soapstone R.S. x	7800	12/31	2.96	3.14b	11.06	6.28*	176
Trial Lake	9800	12/31	5.04	3.94*	18.53	8.95*	207

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES

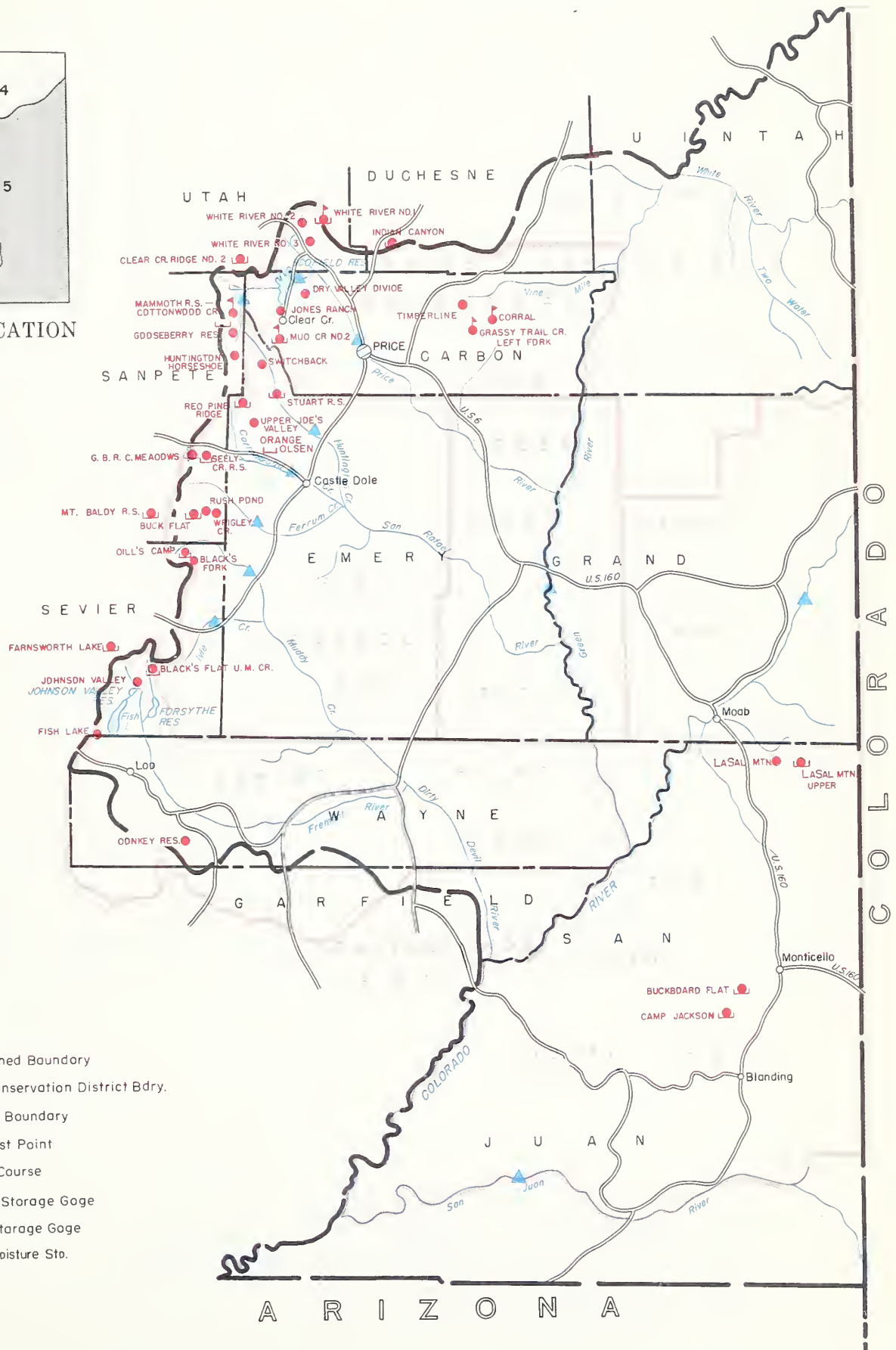
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SCALE IN MILES



WATERSHED LOCATION



- LEGEND**
- Watershed Boundary
 - Soil Conservation District Bdry.
 - County Boundary
 - ▲ Forecast Point
 - Snow Course
 - [S.C.S. Storage Gage
 - [W.B. Storage Gage
 - ▲ Soil Moisture Stn.



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PRICE RIVER						
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
10K1P	U	Indian Canyon x	2	11S	10E	9,100
11K7	U	Jones Ranch	32	12S	7E	7,600
11K3MP	U	Mammoth R.S. - Cottonwood Creek x	13	13S	5E	8,800
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MP	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
SAN RAFAEL RIVER						
11K31P	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K28P	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9	U	Seeley Creek R.S.	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K26	U	Switchback	14	14S	6E	8,600
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
MUDDY RIVER						
11K14	U	Black's Fork	34	20S	4E	9,200
11K15	U	Dill's Camp	27	20S	4E	9,200
FREMONT RIVER						
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
SOUTHEASTERN UTAH DRAINAGES						
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
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10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

THIS YEAR

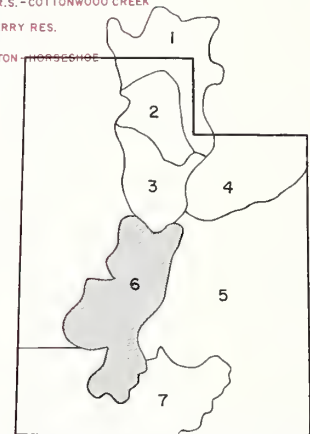
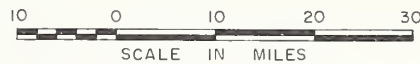
PAST RECORD

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>PRICE RIVER</u>						
Dry Valley Divide	7800	12/30	30	7.4	3.8	3.3b
Gooseberry Reservoir	8700	12/29	42	11.9	8.3	6.0b
Indian Canyon	9100	12/29	28	5.9	3.4	4.6
Jones Ranch	7600	12/30	20	5.6	1.5	1.8
Mammoth R.S.-Ctnwood Crk	8800	12/29	47	12.6	9.2	6.1b
Mud Creek	8300	12/30	36	8.9	6.4	4.5*
<u>SAN RAFAEL RIVER</u>						
G.B.R.C. Meadows x	10000	12/31	52	16.5	11.8	8.4b
Gooseberry Reservoir x	8700	12/29	42	11.9	8.3	6.0b
Mt. Baldy R.S. x	9500	12/28	56	15.5	10.7	7.2b
<u>FREMONT RIVER</u>						
Farnsworth Lake	9900	12/30	41	12.2	10.8	6.0b
Additional Measurements not usually taken in January						
Black's Fork	9200	12/28	39	9.6	- -	- -
Buck Flat	9400	12/29	44	11.0	- -	- -
Buckboard Flat	9000	12/21	34	5.9	- -	- -
Camp Jackson	8600	12/22	38	7.5	- -	- -
Dill's Camp	9200	12/28	39	9.5	- -	- -
LaSal Mountain	8800	12/23	25	6.2	- -	- -
LaSal Mountain(upper)	9400	12/23	39	9.8	- -	- -
Rush Pond	9800	12/29	36	8.4	- -	- -
Wrigley Creek	9000	12/29	30	7.0	- -	- -
Red Pine Ridge	9400	12/30	41	9.6	- -	- -
Stuart R.S.	7950	12/30	21	4.0	- -	- -
Upper Joe's Valley	8900	12/30	27	5.4	- -	- -
FOOTNOTES - See last page						

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>PRICE RIVER</u>							
Gooseberry Reservoir	8700	12/29	- -	3.46b	12.11	6.98*	173
Indian Canyon	9100	12/29	- -	2.39b	7.38	6.82b	108
Mammoth R.S. #2	8600	12/29	- -	3.74b	12.99	7.61*	171
Mud Creek	8300	12/30	3.00	2.62*	7.95	6.27*	127
<u>SAN RAFAEL RIVER</u>							
G.B.R.C. Meadows x	10000	12/31	4.12	3.51b	- -	8.53	- -
Gooseberry Reservoir x	8700	12/29	- -	3.46	12.11	6.98*	173
<u>FREMONT RIVER</u>							
Farnsworth Lake x	9900	12/30	2.73	2.86b	- -	6.91b	- -

SEVIER RIVER BASIN including BEAVER RIVER



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Soil Moisture Station
- S.C.S. Storage Gage
- W.B. Storage Gage



INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
UPPER SEVIER RIVER (South of Richfield, Utah)						
12L7P	U	Big Flat x	18	29S	4W	10,290
12L4P	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13P	U	Castle Valley	23	36S	8W	9,700
12M1P	U	Cedar Breaks	2	37S	9W	10,390
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
11L3	U	Fish Lake x	35	26S	1E	8,700
12M5	U	Harris Flat	24	38S	7W	7,700
11L9	U	High-Top Mountain.	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M6	U	Long Valley Junction x	22	38S	6W	7,500
12M2M	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
12L5	U	Squaw Springs	3	27S	2W	9,300
11M1	U	Widtsoe-Escalante Summit x	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2 x	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3 x	22	34S	1W	9,500
11M4P	U	Widtsoe R.S.	22	34S	2W	7,600
LOWER SEVIER RIVER (Including San Pitch River)						
11K13P	U	Beaver Dams	27	19S	3E	8,000
11L1P	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2	U	Gooseberry R.S.	22	23S	2E	8,400
11K4P	U	Gooseberry Reservoir x	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe x	12	14S	5E	9,800
11K3MP	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
11K2P	U	Oak Creek	9	17S	3W	7,760
11K39	U	Pickle Keg Springs	4	21S	3E	9,600
12L1P	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
11L8	U	Salina Creek (lower)	12	22S	3E	7,250
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K35	U	Thistle Flat	23	18S	3E	8,500
11L7	U	White Gate	16	21S	3E	9,350
BEAVER RIVER						
12L7P	U	Big Flat	18	29S	4W	10,290
12L9P	U	Merchant's Valley	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
10J7P	SNOW COURSE AND PRECIPITATION GAGE
10J7M	SNOW COURSE AND SOIL MOISTURE STATION
10J7A	SNOW COURSE AND AERIAL MARKER
10J7MA	SNOW COURSE, SOIL MOISTURE STATION AND AERIAL MARKER
10J7MP	SNOW COURSE, SOIL MOISTURE STATION AND PRECIPITATION GAGE
10J7m	SOIL MOISTURE STATION ONLY
10J7a	AERIAL MARKER ONLY
10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

SEVIER RIVER BASIN including BEAVER RIVER

SNOW

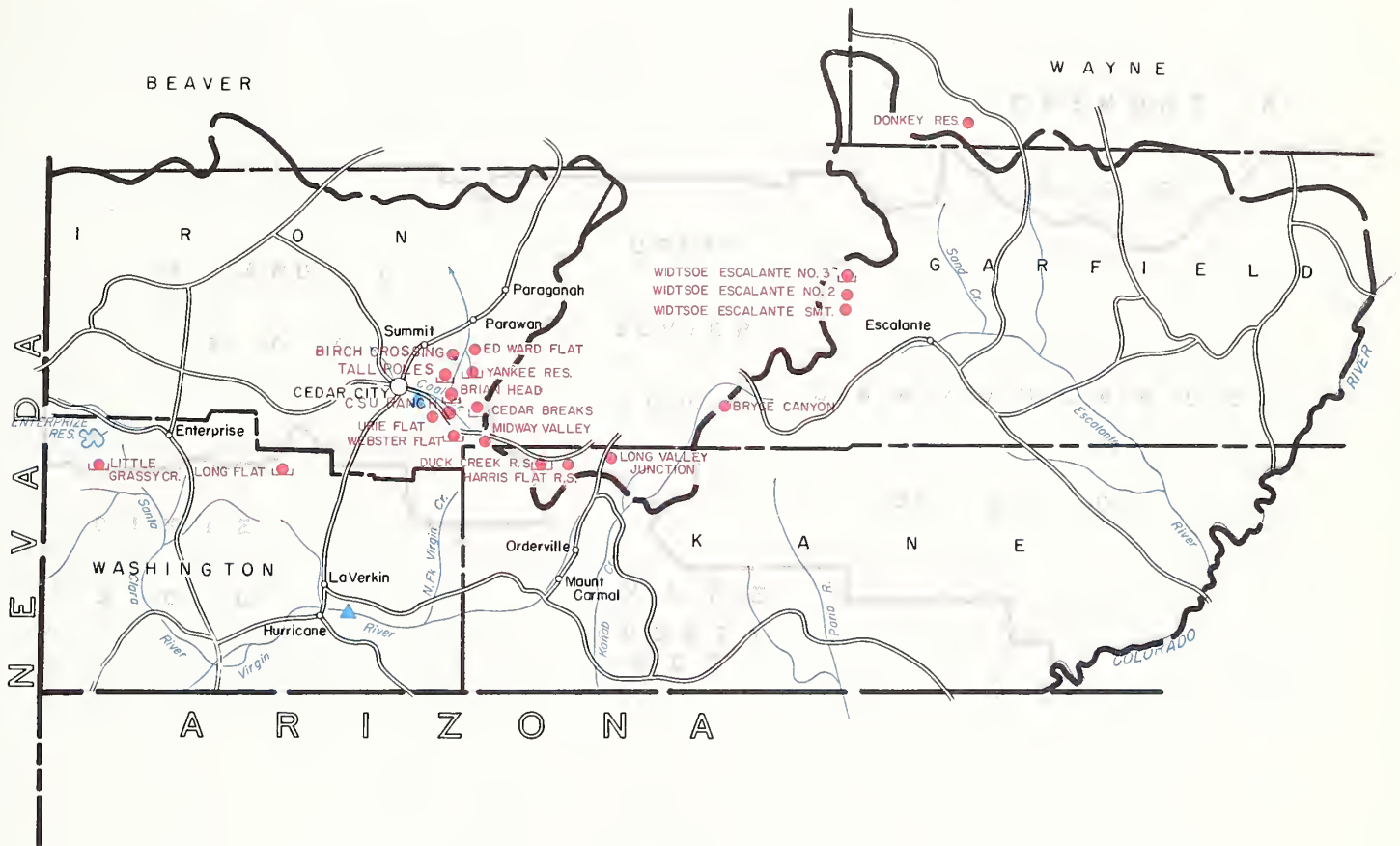
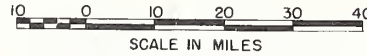
DRAINAGE BASIN and/or SNOW COURSE		THIS YEAR			PAST RECORD	
NAME	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
					Last Year	Average †
UPPER SEVIER RIVER <u>(South of Richfield, Utah)</u>						
Bryce Canyon	8000	12/30	18	3.2	0.3	1.4b
Duck Creek R. S.	8700	12/29	37	9.0	1.8	3.9b
Harris Flat R.S.	7700	12/29	30	7.1	0.2	2.0b
Kimberly Mine	9300	12/30	33	9.0	7.8	3.8b
Long Valley Jct.	7500	12/29	22	5.4	0.1	0.6b
Midway Valley	9800	12/30	45	12.6	4.1	7.5b
Widtsoe-Escalante Smt.	9500	12/30	15	4.1	1.6	2.6
Widtsoe-Escalante #2	9500	12/30	19	4.2	2.8	3.7
Widtsoe-Escalante #3	9500	12/30	24	5.4	4.4	4.5b
LOWER SEVIER RIVER <u>(Including San Pitch River)</u>						
Beaver Dams	8000	12/28	26	6.3	4.6	3.5b
Farnsworth Lake	9900	12/30	41	12.2	10.8	6.0b
G.B.R.C. Headquarters	8700	12/31	37	10.8	7.0	5.5b
G.B.R.C. Meadows	10000	12/31	52	16.5	11.8	8.4b
Gooseberry R.S.	8400	12/30	28	8.4	7.5	3.7b
Gooseberry Reservoir	8700	12/29	42	11.9	8.3	6.0b
Mammoth R.S.-Ctnwood Crk.	8800	12/29	47	12.6	9.2	6.1b
Mt. Baldy	9500	12/28	56	15.5	10.7	7.2b
Shingle Mill	6200	12/31	19	4.9	4.2	- -
Additional Measurements not usually taken in January						
Big Flat	10290	12/29	42	11.5	- -	- -
Merchant Valley	8200	12/29	25	6.0	- -	---
Otter Lake	9300	12/29	39	9.9	- -	- -

FOOTNOTES - See last page

PRECIPITATION (Inches)

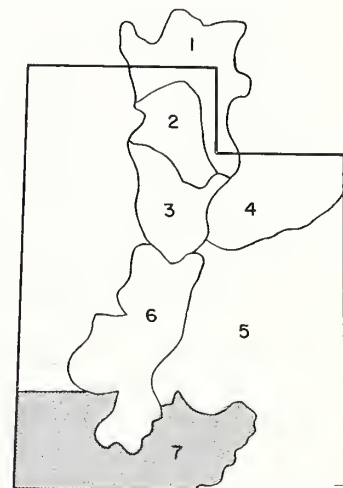
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>Sevier River</u>							
Duck Creek R. S.	8560	12/29	5.93	2.53*	9.40	7.65*	123
Farnsworth Lake	9900	12/30	2.73	2.86b	- -	6.91b	- -
G.B.R.C. Headquarters	8700	12/31	2.92	2.83	12.20	7.28	168
G.B.R.C. Meadows	10000	12/31	4.12	3.51b	16.00	8.53b	188
G.B.R.C. Oaks	7655	12/31	1.51	1.94	7.07	4.97	142
Gooseberry R.S.	7800	12/30	2.39	1.91b	- -	4.78*	- -
Gooseberry Reservoir	8700	12/29	- -	3.46b	12.11	6.98*	173
Kimberly Mine	9100	12/30	5.82	2.96*	11.75	6.88*	171
Mammoth R.S. #2	8600	12/29	- -	3.74b	12.99	7.61*	171
Mt. Baldy	9500	12/28	- -	2.26*	12.00	7.17*	167
Shingle Mill	6200	12/31	3.82	1.74*	9.92	5.86*	169
Webster Flat	9200	12/30	- -	3.65b	10.70	7.64b	140
Widtsoe-Escalante #3	9500	12/30	2.83	1.51b	6.11	6.14b	100
Widtsoe R. S.	7600	12/30	0.91	0.61	- -	2.49	- -
<u>Beaver River</u>							
Beaver Canyon P.H.	7275	12/31	0.97	- -	5.12	- -	- -

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES



LEGEND

- Watershed Boundary
- Soil Conservation District Bdry.
- County Boundary
- Forecast Point
- Snow Course
- Aerial Snow Depth Gage
- S.C.S. Storage Gage
- W.B. Storage Gage



WATERSHED LOCATION

INDEX

NO.	STATE	NAME	SEC.	TWP.	RGE.	ELEV.
PARIA RIVER						
12M8	U	Bryce Canyon x	36	36S	4W	8,000
PAROWAN CREEK						
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	8W	8,300
12M15	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
COAL CREEK						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M17	U	CSU Ranch	18	37S	9W	8,200
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M10	U	Urie Flat	11	37S	10W	8,450
12M3MP	U	Webster Flat x	20	37S	9W	9,200
ENTERPRISE TO NEW HARMONY DRAINAGES						
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MP	U	Long Flat	2	38S	14W	8,000
ESCALANTE RIVER						
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3P	U	Widtsoe-Escalante #3	22	34S	1W	9,500
VIRGIN RIVER						
12M1P	U	Cedar Breaks x	2	37S	9W	10,390
12M4P	U	Duck Creek R.S. x	11	38S	8W	8,700
12M5	U	Harris Flat x	24	38S	7W	7,700
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M2M	U	Midway Valley x	26	37S	9W	9,800
12M3MP	U	Webster Flat	20	37S	9W	9,200

LEGEND

Numbering system (example)

10J7	SNOW COURSE ONLY
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10J7p	STORAGE PRECIPITATION GAGE ONLY
x	ADJACENT DRAINAGE

THIS YEAR

PAST RECORD

DRAINAGE BASIN and/or SNOW COURSE		Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME	Elevation				Last Year	Average †
<u>ESCALANTE RIVER</u>						
Widtsoe-Escalante Smt.	9500	12/30	15	4.1	1.6	2.6
Widtsoe-Escalante #2	9500	12/30	19	4.2	2.8	3.7
Widtsoe-Escalante #3	9500	12/30	24	5.4	4.4	4.5b
<u>PARIA RIVER</u>						
Bryce Canyon x	8000	12/30	18	3.2	0.3	1.4b
<u>VIRGIN RIVER & COAL CREEK</u>						
CSU Ranch	8200	12/30	25	6.7	0.8	- -
Duck Creek R.S. x	8700	12/29	37	9.0	1.8	3.9b
Harris Flat x	7700	12/29	30	7.1	0.2	2.0b
Long Valley Jct.	7500	12/29	22	5.4	0.1	0.6b
Midway Valley x	9800	12/30	45	12.6	4.1	7.5b
Urie Flat	8450	12/30	21	6.5	1.4	1.8b
Webster Flat	9200	12/30	41	11.6	2.8	4.7b
<u>PAROWAN CREEK</u>						
Birch Crossing	8100	12/30	14	3.2	2.9	- -
Brian Head	10000	12/30	41	11.1	6.9	- -
Tall Poles	8800	12/30	29	7.2	4.6	- -
FOOTNOTES - See last page						

PRECIPITATION (Inches)

DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		Date of Reading	Month's Precipitation	Average †	This Year	Average †	Percent of Average
<u>ESCALANTE RIVER</u>							
Widstoe-Escalante #3	9500	12/30	2.83	1.51b	6.11	6.14b	100
<u>VIRGIN RIVER</u>							
Duck Creek R. S.	8560	12/29	5.93	2.53*	9.40	7.65*	123
Webster Flat	9200	12/30	- -	3.65b	10.70	7.64b	140
<u>COAL CREEK</u>							
Webster Flat x	9200	12/30	- -	3.65b	10.70	7.64b	140
<u>PAROWAN CREEK</u>							
Tall Poles	8800	12/30	- -	- -	7.48	- -	- -

FOOTNOTES

- (1) Data supplied by U. S. Forest Service
- (2) Data supplied by U. S. Weather Bureau
- (3) Data supplied by U. S. Geological Survey

- (a) 1953-67 15-year average period
- (b) Average of all past record - less than 15 years
- (c) Taken at Compromise point

- (A) Aerial observation - water content estimated
- (x) Adjacent drainage
- * Partly estimated

Agencies Cooperating in Utah Snow Surveys

U. S. GOVERNMENT AGENCIES

U. S. Department of Agriculture
Soil Conservation Service
Forest Service
U. S. Department of Commerce
Weather Bureau
U. S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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